

Datasheet for ABIN513932
anti-CA12 antibody (AA 25-124)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	CA12
Binding Specificity:	AA 25-124
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CA12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CA12.
Immunogen:	CA12 (NP_996808, 25 a.a. ~ 124 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	APVNGSKWTY FGPDGENSWS KKYPSCGGLL QSPIDLHSDI LQYDASLTPL EFQGYNLSAN KQFLLTNNGH SVKLNLPSDM HIQGLQSRYS ATQLHLHWGN
Clone:	1D4
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CA12
Alternative Name:	CA12 (CA12 Products)
Background:	Full Gene Name: carbonic anhydrase XII Synonyms: CAXII,FLJ20151,HsT18816
Gene ID:	771
NCBI Accession:	NM_206925

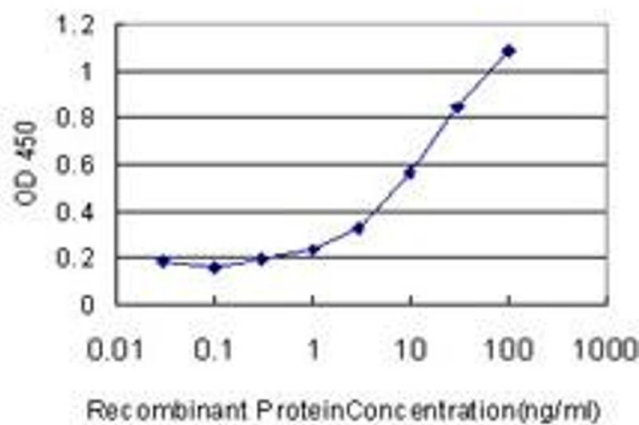
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

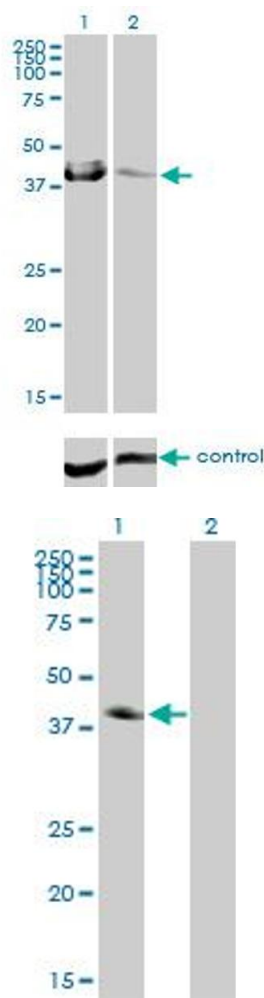
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged CA12 is approximately 1ng/ml as a capture antibody.



Western Blotting

Image 2. Western blot analysis of CA12 over-expressed 293 cell line, cotransfected with CA12 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with CA12 monoclonal antibody (M01), clone 1D4. GAPDH (36.1 kDa) used as specificity and loading control.

Western Blotting

Image 3. Western Blot analysis of CA12 expression in transfected 293T cell line by CA12 monoclonal antibody (M01), clone 1D4.

Lane 1: CA12 transfected lysate(39.5 kDa).

Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN513932.